

# LAND APPLICATION OF BIOSOLIDS SITE INSPECTION FORM

<b>GENERAL INFORMATION:</b>		DATE: 6 June 2006	
COUNTY: Louisa	CONTRACTOR/MUNICIPALITY: Synagro Mid Atlantic, Inc.		
NAME (OWNER/OPERATOR): Charles Rula booklet LO5			
INSPECTED BY: Charles Swanson		VDHBUR NO: # 77	
FIELD NO: LO5 field 18		ACRES: 39.8 acres	
OTHERS PRESENT: Lee Rosen w/Synagro			
<b>FIELD DATA/OBSERVATIONS:</b>		TIME: 2:00 pm	
WEATHER: warm 80's		SOIL CONDITIONS: dry -good	
BIOSOLIDS SOURCE: Blue Plains and Arlington		BIOSOLIDS TYPE: lime stabilized	
SOIL pH:		SOLIDS CONTENT OF BIOSOLIDS (%): 12 month average = 31% for BP; 31.4% for Arlington	
APPLICATION RATE: 250 pounds nitrogen per acre (100% rate)			
CROP AND EXPECTED YIELD: hay field			
LOAD TO DATE (WT):			
BIOSOLIDS APPLIED:	<input type="checkbox"/> LIQUID	<input checked="" type="checkbox"/> DEWATERED	
MODE OF APPLICATION:	<input checked="" type="checkbox"/> SURFACE	<input type="checkbox"/> SURFACE W/INCORP.	<input type="checkbox"/> INJECTION
APPLICATION LIMITED BY:	<input checked="" type="checkbox"/> NITROGEN	<input type="checkbox"/> pH	<input type="checkbox"/> METALS
	<input type="checkbox"/> MAX. HYDRAULIC LOADING (LIQUID BIOSOLIDS)		
	<input type="checkbox"/> MAX. SOLIDS LOADING (15 DRY TONS/ACRE)		
	<input type="checkbox"/> OTHER (SPECIFY):		
<b>FIELD OBSERVATIONS</b>			<u>YES</u>
BUFFERS OBSERVED:			<u>NO</u>
	UNIFORM APPLICATION:	XX	
	PROPER FIELD RECORDS:	Office Review	
	SIGNS OF RUNOFF:		XX
	TRUCKS NON-SPILL/WATERTIGHT:	XX	
	CONDITION OF HAUL ROUTE SATISFACTORY:	XX	
ODORS PRESENT:	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> NORMAL	<input type="checkbox"/> ABOVE NORMAL*
OVERALL CONDITION OF SITE:	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> FAIR	<input type="checkbox"/> POOR

<p><b><u>COMMENTS:</u></b> (*explain):</p>	<p>This was a complaint inspection. The permitted site (LO5 field 18) is located off Route 644 (Mt. Airy Rd) about four or five miles south of the City of Louisa. The 40 acre site is a hay field. The received complaint call was about strong odors, as described by a neighbor of the land application site. The complainant expressed the belief that the land applied biosolids would adversely affect human health. Mr. Charles Swanson traveled to the land application site. The site visit revealed that flags properly marked buffered areas of swales. Two spreaders were operating and a bush hog tractor was cutting the hay. Blue Plains biosolids were being delivered to the site. Operations appeared normal. The odors were monitored by the MES inspector as a “2” on their Nasal Ranger equipment, which is the equipment’s lowest reading. Two other fields were inspected that had already been spread and operations there appeared to have been completed in compliance with the permit (site booklet LO 46 field 1 -Henry Taylor and a nearby field).</p> <p>There were very little to slight odor (normal) present at the time of the inspection.</p>
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Sussex County Health Department  
Sussex County Administrator  
**Synagro Mid Atlantic, Inc.**